



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



Nothing Found

Your search for **+author:Hanson +author:Scott** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

+author:Hanson



THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Term used **Hanson**

Found 102 of 132,857

 Sort results
by
Display
results

relevance

expanded form

Save results to a Binder

Search Tips

☐ Open results in a new window

[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Results 1 - 20 of 102

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [next](#)Relevance scale ☐ ☐ ☐ ☐ ☐

- 1 [Information technology and information goods as predictors of organizational expansion activity](#)

Virginia Franke Kleist, Irene Hanson Frieze, William R. King

December 2000 **Proceedings of the twenty first international conference on Information systems**Full text available: pdf(64.92 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

- 2 [A quadratic-tensor model algorithm for nonlinear least-squares problems with linear constraints](#)

R. J. Hanson, Fred T. Krogh

June 1992 **ACM Transactions on Mathematical Software (TOMS)**, Volume 18 Issue 2Full text available: pdf(1.14 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

A new algorithm is presented for solving nonlinear least-squares and nonlinear equation problems. The algorithm is based on approximating the nonlinear functions using the quadratic-tensor model proposed by Schnabel and Frank. The problem statement may include simple bounds or more general linear constraints on the unknowns. The algorithm uses a trust-region defined by a box containing the current values of the unknowns. The objective function (Euclidean length of the functions) is allowed ...

Keywords: constrained least squares, nonlinear least-squares

- 3 [Interface design and multivariate analysis of UNIX command use](#)

Stephen José Hanson, Robert E. Kraut, James M. Farber

January 1984 **ACM Transactions on Information Systems (TOIS)**, Volume 2 Issue 1Full text available: pdf(983.49 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

- 4 [Programmer perceptions of productivity and programming tools](#)

Stephen José Hanson, Richard R. Rosinski

February 1985 **Communications of the ACM**, Volume 28 Issue 2Full text available: pdf(1.51 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Psychometric scaling methods are applied to programmer productivity assessments of 20 tools to recommend a set of minimal, as well as more comprehensive, tools.


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



Nothing Found

Your search for **+author:Orcutt +author:Craig** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Term used **Orcutt**

Found 3 of 132,857

Sort results by

Display results

[Save results to a Binder](#)[Search Tips](#)☐ Open results in a new window[Try an Advanced Search](#)[Try this search in The ACM Guide](#)

Results 1 - 3 of 3

Relevance scale ☐ ☐ ☐ ☐ ☐**1 Perspectives on Project Athena**

Ronald L. Orcutt, Earll M. Murman

August 1990 **Proceedings of the 18th annual ACM SIGUCCS conference on User services**Full text available: [pdf\(1.32 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

An overview of the evolution and current status of MIT's Project Athena is presented. Athena's distributed workstation computing system is described, and its attributes of coherence and ubiquity are critiqued. A summary is given of Athena's 125 curriculum development experiments including their diverse nature, the challenges of courseware development and delivery, and indications of effectiveness. Athena is described from a student's viewpoint. Finally, various lessons learned from running ...

2 Blueprint for the future of high-performance networking: Data-intensive e-science frontier research

Harvey B. Newman, Mark H. Ellisman, John A. Orcutt

November 2003 **Communications of the ACM**, Volume 46 Issue 11Full text available: [pdf\(648.86 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)[html\(36.07 KB\)](#)

Large-scale e-science, including high-energy and nuclear physics, biomedical informatics, and Earth science, depend on an increasingly integrated, distributed cyberinfrastructure serving virtual organizations on a global scale.

3 Implementation of Ray tracing on the hypercube

D. E. Orcutt

January 1989 **Proceedings of the third conference on Hypercube concurrent computers and applications - Volume 2**Full text available: [pdf\(292.52 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This preliminary report presents one implementation of a ray tracing system. The ray tracing system was divided and distributed onto the hypercube based on the data to be processed. The implementation which includes a dynamic load balancing scheme will be shown to be very efficient for large scenes.

Results 1 - 3 of 3

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:

[Adobe Acrobat](#)[QuickTime](#)[Windows Media Player](#)[Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used **Roediger Robert**

Found 2 of 132,857

Sort results by

Display results

[Save results to a Binder](#)
[Search Tips](#)
☐ [Open results in a new window](#)
[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Results 1 - 2 of 2

Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Political redistricting by computer](#)

Robert E. Helbig, Patrick K. Orr, Robert R. Roediger

August 1972 **Communications of the ACM**, Volume 15 Issue 8Full text available: [pdf\(610.25 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

The problems of political redistricting are considered and a computer method for redistricting is presented. Criteria for acceptable redistricting are discussed, including population equality, compactness, contiguity, and preservation of natural and/or political boundaries. Only nonpartisan criteria are considered. Using 1970 Bureau of Census population data, specific results are given for the ten Congressional Districts in the state of Missouri and for the seven St. Louis County Council se ...

Keywords: compactness, contiguity, equal population, legislative districts, political redistricting, population units, reapportionment, transportation algorithm

2 [SPAID: software prefetching in pointer- and call-intensive environments](#)

Mikko H. Lipasti, William J. Schmidt, Steven R. Kunkel, Robert R. Roediger

December 1995 **Proceedings of the 28th annual international symposium on Microarchitecture**Full text available: [pdf\(631.12 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Results 1 - 2 of 2

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

 Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)

L Number	Hits	Search Text	DB	Time stamp
1	227	717/151.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:14
2	106	717/153.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:14
3	242	717/154.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:14
4	50	717/157.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:14
5	202	717/158.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:15
6	210	717/162.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:15
-	2	6026234.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:13
-	2	5946493.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/27 16:56
-	1	US20040015925A1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/27 16:56

-	3	((information with call with linkage) and (optimiz\$5 with procedure\$1 with call\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 16:29
-	180	argument\$1 with optimiz\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 16:38
-	103	(argument\$1 with optimiz\$5) and (error\$1 with procedure\$1 call\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 09:50
-	3	(argument\$1 with optimiz\$5) and (error\$1 with procedure\$1 with call\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/29 16:39
-	28	((argument\$1 with optimiz\$5) and (error\$1 with procedure\$1 call\$1)) and (compil\$5 with optimiz\$5 with code\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 09:13
-	7	((argument\$1 with optimiz\$5) and (error\$1 with (procedure\$1 or call\$1))) and (compil\$5 with optimiz\$5 with code\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 09:13
-	2	((argument\$1 or parameter\$1) with optimiz\$5 with call\$1) and (number\$1 with (argument\$1 or parameter\$1) with error\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 09:53
-	378	((argument\$1 or parameter\$1) with optimiz\$5) and (number\$1 with (argument\$1 or parameter\$1) with error\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 09:53
-	11	((argument\$1 or parameter\$1) with optimiz\$5) and (number\$1 with (argument\$1 or parameter\$1) with register\$1 with error\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 09:53
-	5	6085035.URPN.	USPAT	2004/04/30 09:55
-	0	(stor\$3 with link\$3 with (procedure\$1 or routine\$1) with source with code) and (optimiz\$5 with link\$3 with run\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 10:05
-	3	(link\$3 with (procedure\$1 or routine\$1) with source with code) and (optimiz\$5 with link\$3 with run\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 10:06
-	1	(link\$3 with (procedure\$1 or routine\$1) with source with code) and (optimiz\$5 with link\$3 with dynamic\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 10:08
-	2	(link\$3 with (procedure\$1 or routine\$1) with static) and (optimiz\$5 with link\$3 with dynamic\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 10:09
-	2	(link\$3 with (procedure\$1 or routine\$1) with static\$4) and (optimiz\$5 with link\$3 with dynamic\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 10:09